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ABSTRACT OF THE DISCLOSURE

A bevel gear transmission without shims, especially for a controllable wheel of a service vehicle such as a lift truck, with a one-piece housing for the acceptance of a bevel gearset, a plurality of bearing borings, for the support of a pinion gear shaft, a UniPack bearing and a sealing cover. The sealing cover (2) is placed at a position at which the vertical borings (3, 4) for the bearings (5, 6) of the pinion gear shaft (7) are to be placed, and the cover being provided with a circumferential protrusion (8), which enables that an appropriately dimensioned tool can be vertically introduced into the one-piece housing (1) for a precise construction of the housing which is designed to the closely tolerated dimensions of sections (A) and (B).